

D50657

(Pages : 3)

Name.....

Reg. No.....

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2018

(CUCBCSS—UG)

Psychology

PSY 5B 03—PSYCHOLOGICAL MEASUREMENT AND TESTING

(2014 Admissions and 2015—2016 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A

Answer all questions.

Each question carries 1 mark.

Choose the correct answer from the following options given :

1. Which of the following is an example of culture-free test of intellectual capacity ?
 - (a) MMAT.
 - (b) Standard Progressive Matrices.
 - (c) WAIS.
 - (d) Binet-Simon scale.
2. The effect of lengthening or shortening a test on reliability coefficient is found using :
 - (a) K R method.
 - (b) Cronbach alpha.
 - (c) Spearman-Brown formula.
 - (d) Flanagan formula.
3. Type of test wherein items are mostly easy, but which is administered within such a strict time limit that it is impossible to answer all questions :
 - (a) Power test.
 - (b) Speed test.
 - (c) Performance test.
 - (d) Non-language test.
4. Which of the following is an example of a culture-free test of intellectual capacity ?
 - (a) Standard Progressive Matrices.
 - (b) Binet -Simon test.
 - (c) WAIS.
 - (d) MMAT.
5. Cronbach's alpha is a measure of :
 - (a) Difficulty of a questionnaire.
 - (b) Validity.
 - (c) Internal consistency.
 - (d) Length of scale.

Turn over

Fill in the blanks :

6. The term 'mental age' was first used by _____.
7. _____ method of reliability estimates the reliability of a test solely upon the number in the test and average inter-correlation among the items.
8. The percentage of people who answer an item correctly is indicative of _____.
9. The validity estimated by showing the relationship between test scores and other observable behaviour is _____.
10. _____ refers to the degree to which an item in a test differentiates correctly among testees in the behavior that the test is designed to measure.

(10 × 1 = 10)

Section B

*Answer all questions in two or three sentences.
Each question carries 2 marks.*

11. Difference Limen.
12. Norm referenced tests.
13. Deviation IQ.
14. CPM.
15. Individual and group tests.
16. Percentile norms.
17. Ordinal scale.
18. Construct validity.
19. Distractor analysis.
20. Fechner's law.

(10 × 2 = 20)

Section C

*Answer any six questions in a paragraph of about half a page to one page.
Each question carries 5 marks.*

21. Types of psychological tests.
22. Properties of bell adjustment inventory.

23. Criterion-related validity.
24. Method of constant stimuli.
25. Likert's method.
26. Content validity.
27. Intelligence tests.
28. Ethical issues in psychological testing.

(6 × 5 = 30 marks)

Section D

Write any two essays from the following.

Each question carries 10 marks.

29. Describe how you would estimate the difficulty level and discriminability of a psychological test.
30. Elaborate on the different steps involved in test construction.
31. Mention the different types of norms and their applications.
32. Explain the importance of tests to assess personality.

(2 × 10 = 20 marks)